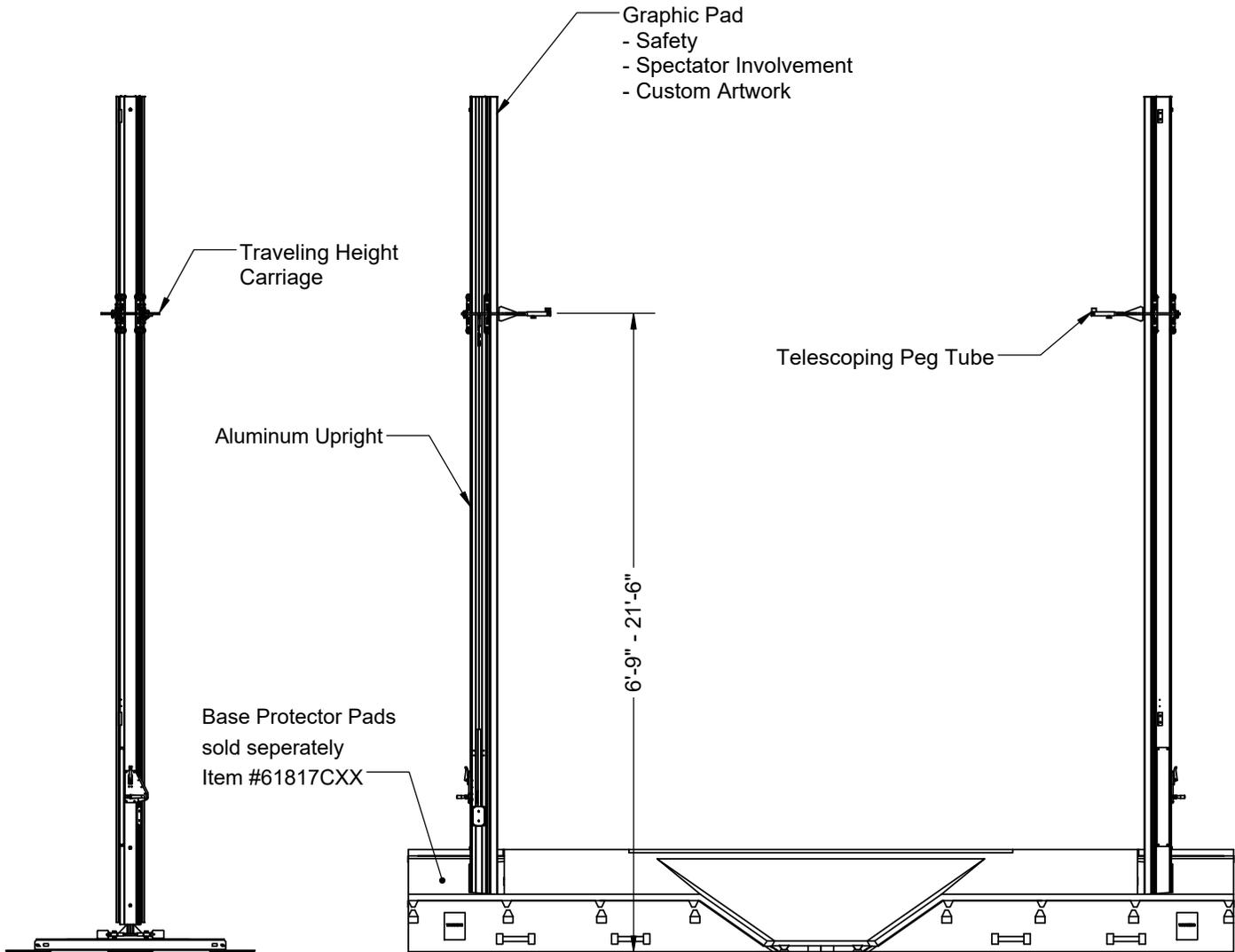




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## 73300CXXYYSP - AGX M2 POLE VAULT STANDARDS INSTRUCTIONS



- Hand crank system simplifies and speeds up height transitions
- Customize exclusive 2" safety pad with choice of color and graphics
- 2" safety pad increases safety of athletes and reduces vaulting pole damage
- Simple brake mechanism with ON / OFF positions
- Internal measuring tape displays Metric and English units
- Slide unit to adjustment offset from 0cm to 80cm
- Exclusive customizable offset width between pins from 4.30m-4.37m
- Steel slide base features steel flat wings to increase the foot print and more stability
- Easy-Port hinge technology for quicker location movement
- Strong aluminum profile increases aesthetics, functionality, and customization
- Height range from 6'-9" to 21'-6"

### **Important Safety Instructions**

It is the owner's/manager's responsibility to insure that all users of this equipment become familiar with the contents of this manual, to instruct users on the proper operation of the equipment, and to warn them of the potential hazards.

### **Prior to Operating**

- Read all instructions before using the equipment.
- Do not allow children on or near the equipment.
- The bases **MUST** be anchored to the ground.
- Inspect the unit carefully for any worn, loose, or missing parts. Pay close attention to belts, cables, and their connections. If any defect is suspected, do not use! Report suspected problems to authorized personnel immediately!
- Use the equipment only for its intended purpose. Do not use accessory attachments that are not recommended by the manufacturer--such attachments might cause injuries.
- Do not wear loose or dangling clothing or jewelry while using the equipment.
- Do not use the equipment alone.

## **WARNING**

**FAILURE TO COMPLY WITH THESE GUIDELINES COULD  
RESULT IN SERIOUS INJURY OR EVEN DEATH!**

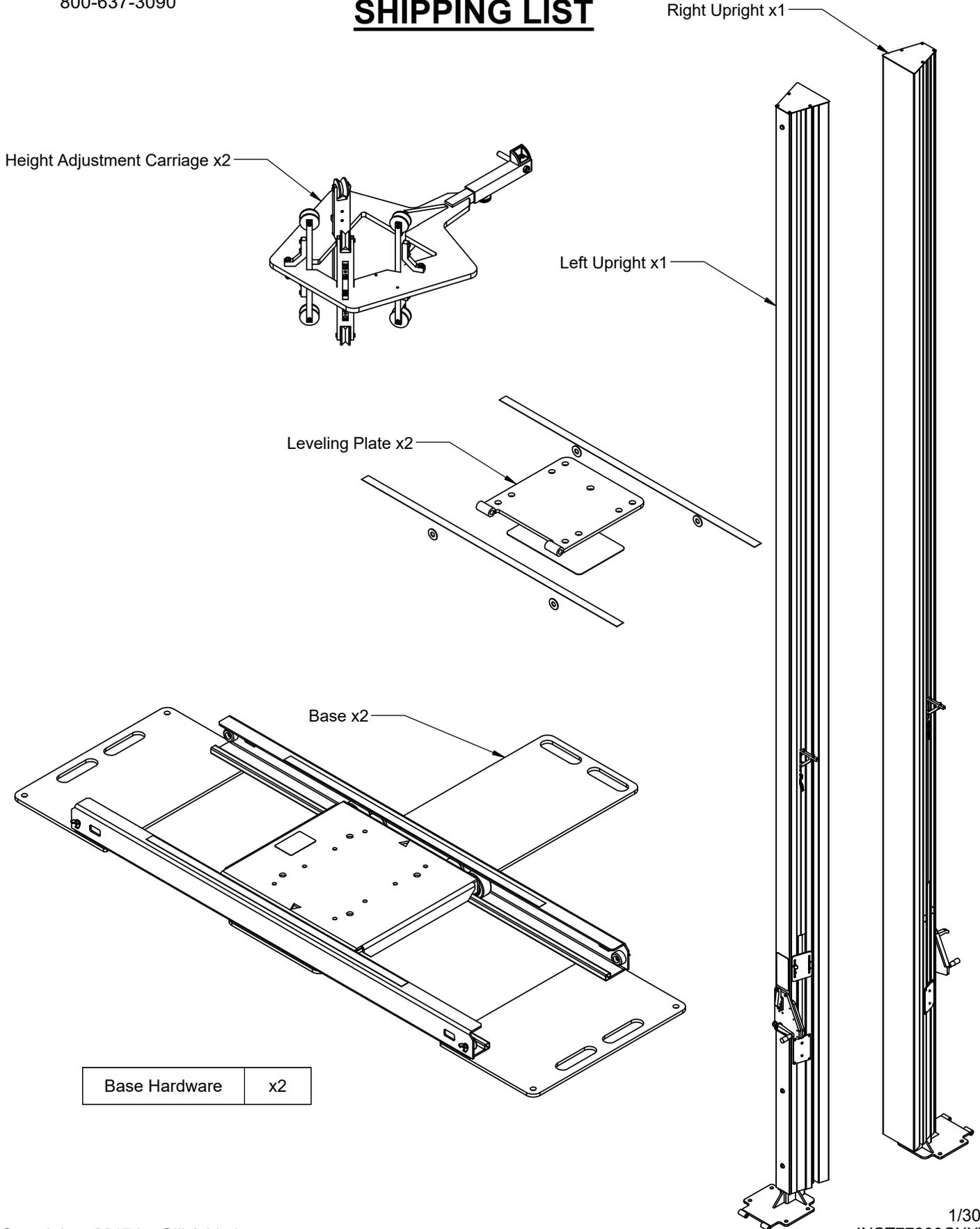
**▲ WARNING:** This product can expose you to Urethane, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



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## SHIPPING LIST



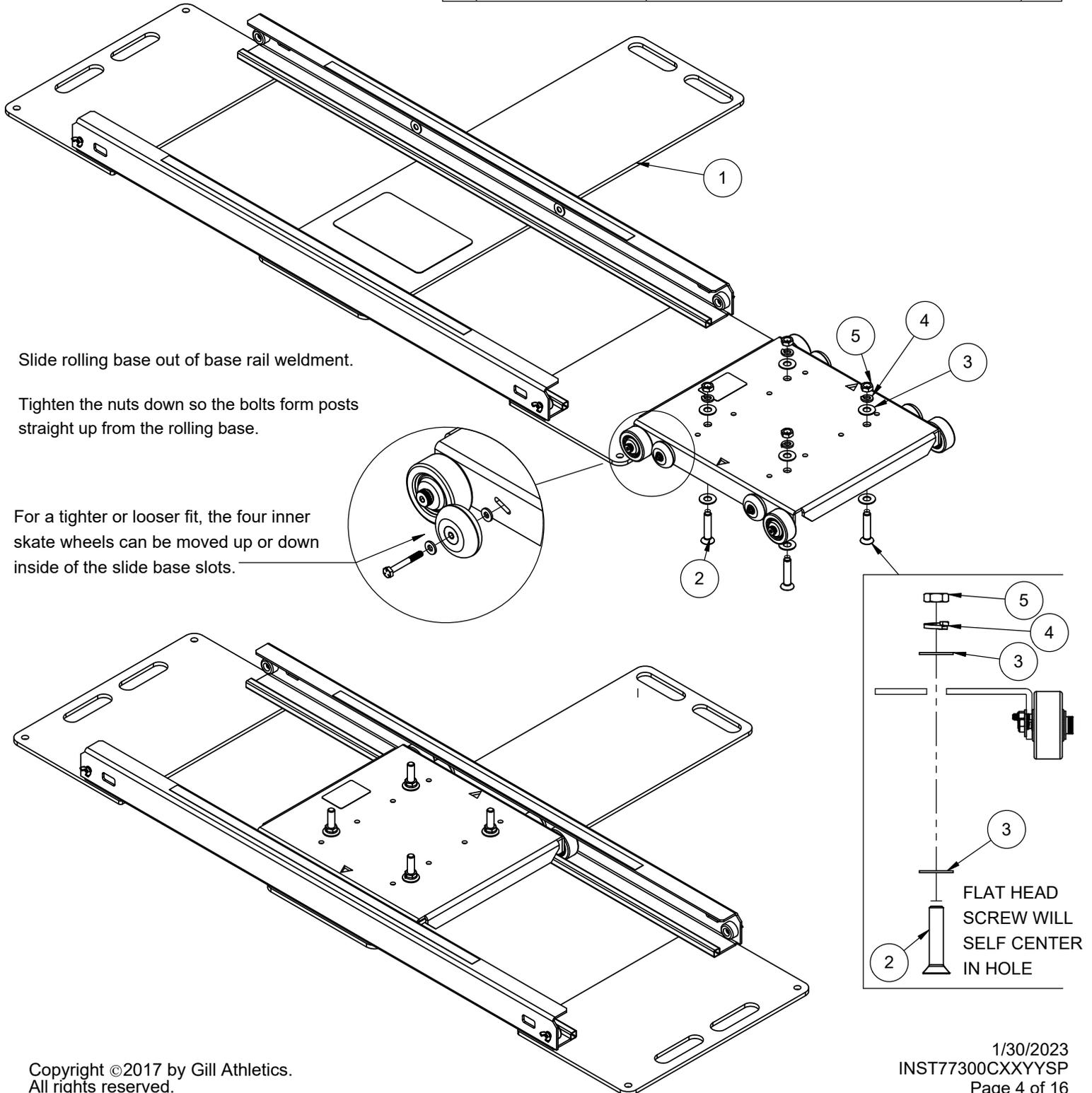


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#	Part #	Description	Qty.
1	BASE00139	BASE WELDMENT	1
2	HDWE01293	5/8"-11 X 3" FLAT HEAD SOCKET SCREW	4
3	HDWE05023	5/8" FLAT WASHER; SS	8
4	HDWE04010	5/8" SPLIT RING LOCK WASHER; SS	4
5	HDWE03102	5/8"-11 THIN HEX NUT; ARMOR COAT	4

## ASSEMBLING THE BASES



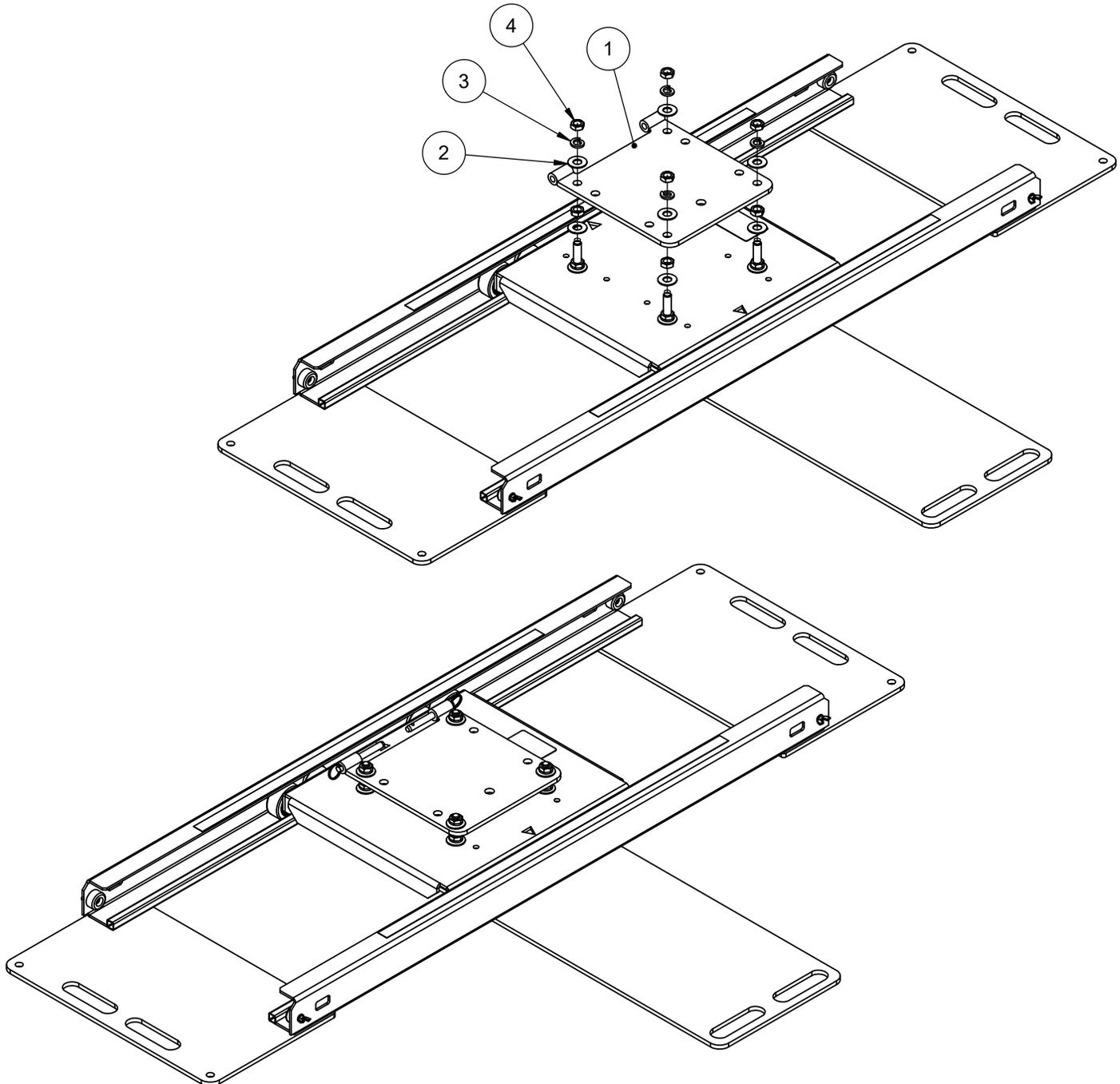


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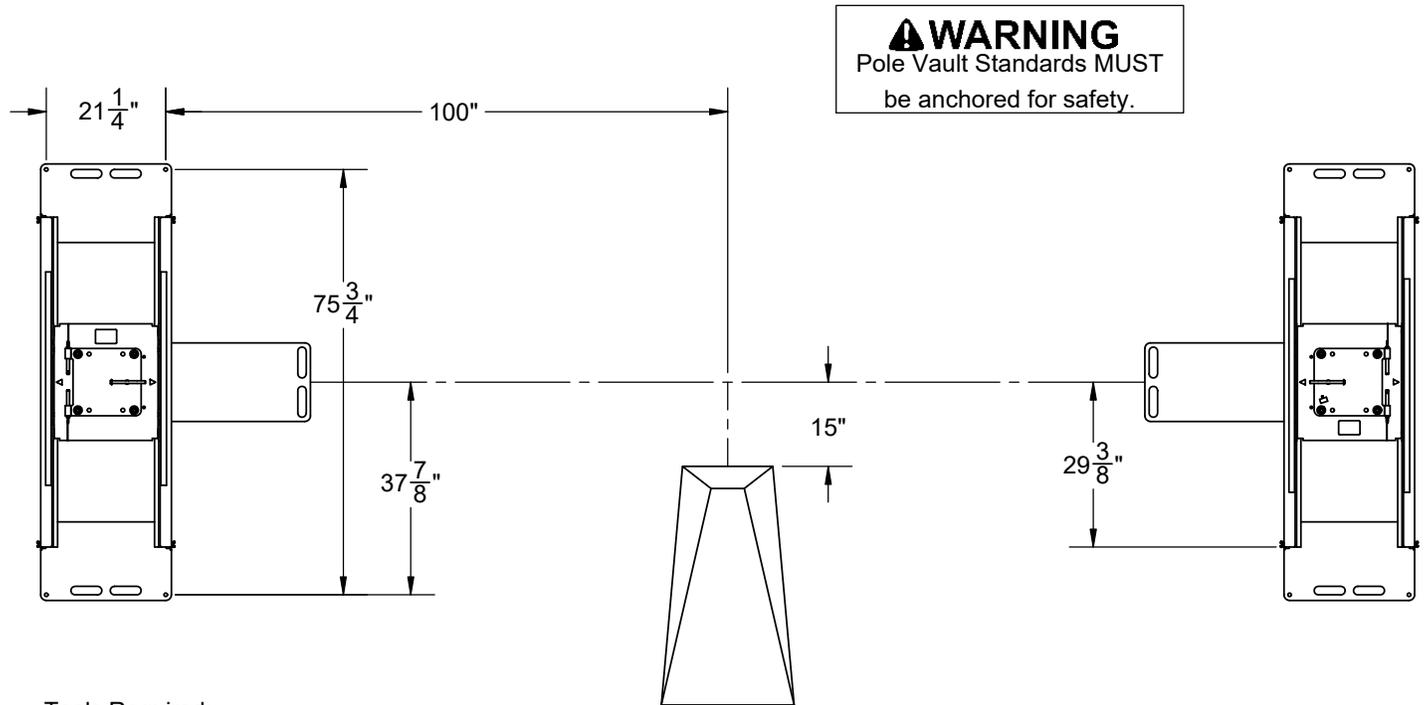
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## ASSEMBLING THE BASES

#	Part #	Description	Qty.
1	74011012	WELMENTELDMENT	1
2	HDWE05023	5/8" FLAT WASHER; SS	8
3	HDWE04010	5/8" SPLIT RING LOCK WASHER; SS	4
4	HDWE03102	5/8"-11 THIN HEX NUT; ARMOR COAT	8



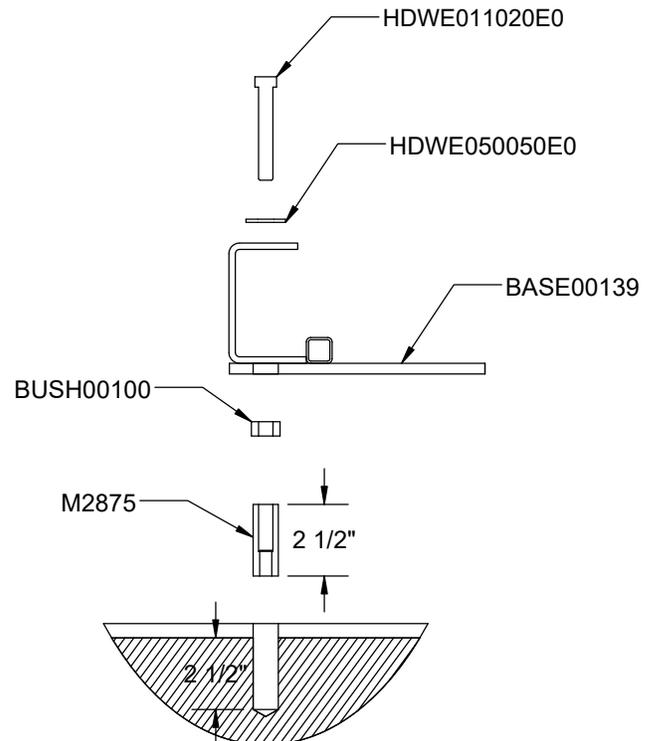
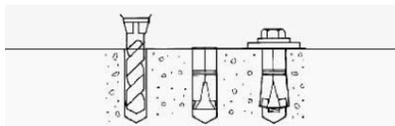
### POSITIONING & ANCHORING THE BASES



#### Tools Required:

- (1) Concrete Drill
- (1) 7/8" Masonry Bit
- (1) Hammer
- (1) 3/4" Wrench or Socket

- **Proper alignment of standards is critical before drilling anchor holes.**
- Drill recommended diameter hole to depth of expansion anchor.
- Clean hole of debris.
- Insert expansion anchor in hole threaded end first and tap with hammer so that it is flush with the top of the concrete.
- Insert plastic spacer.
- Place base back over holes.
- Insert included 1/2"-13 bolt and 1/2" washer through rails into shield and tighten.





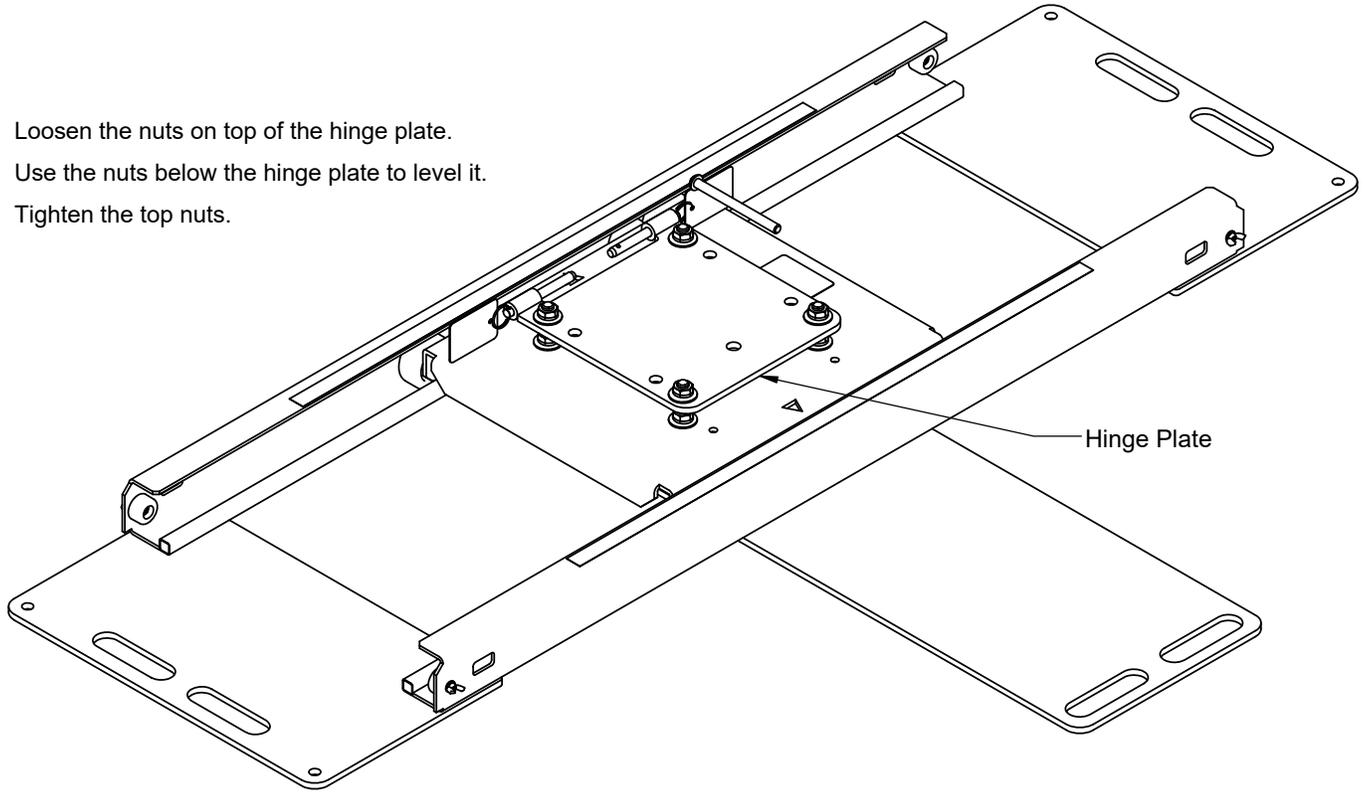
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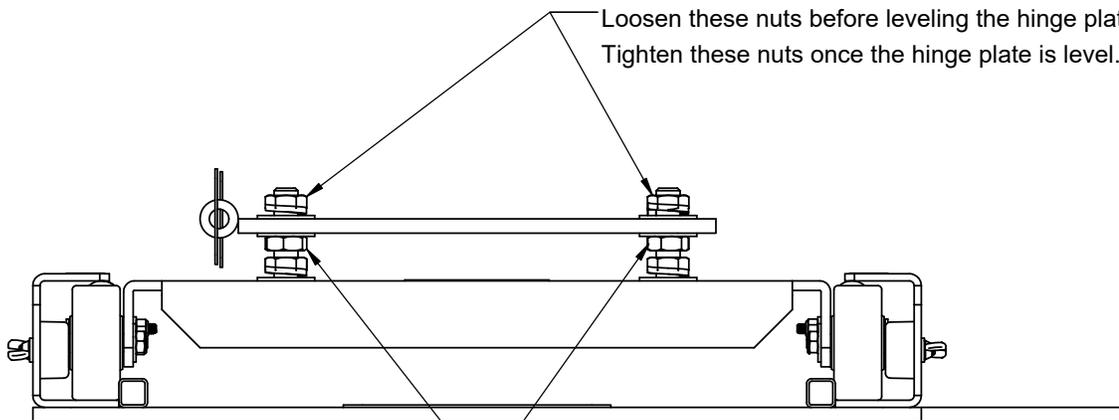
## POSITIONING & ANCHORING THE BASES



Loosen the nuts on top of the hinge plate.  
Use the nuts below the hinge plate to level it.  
Tighten the top nuts.



Loosen these nuts before leveling the hinge plate.  
Tighten these nuts once the hinge plate is level.

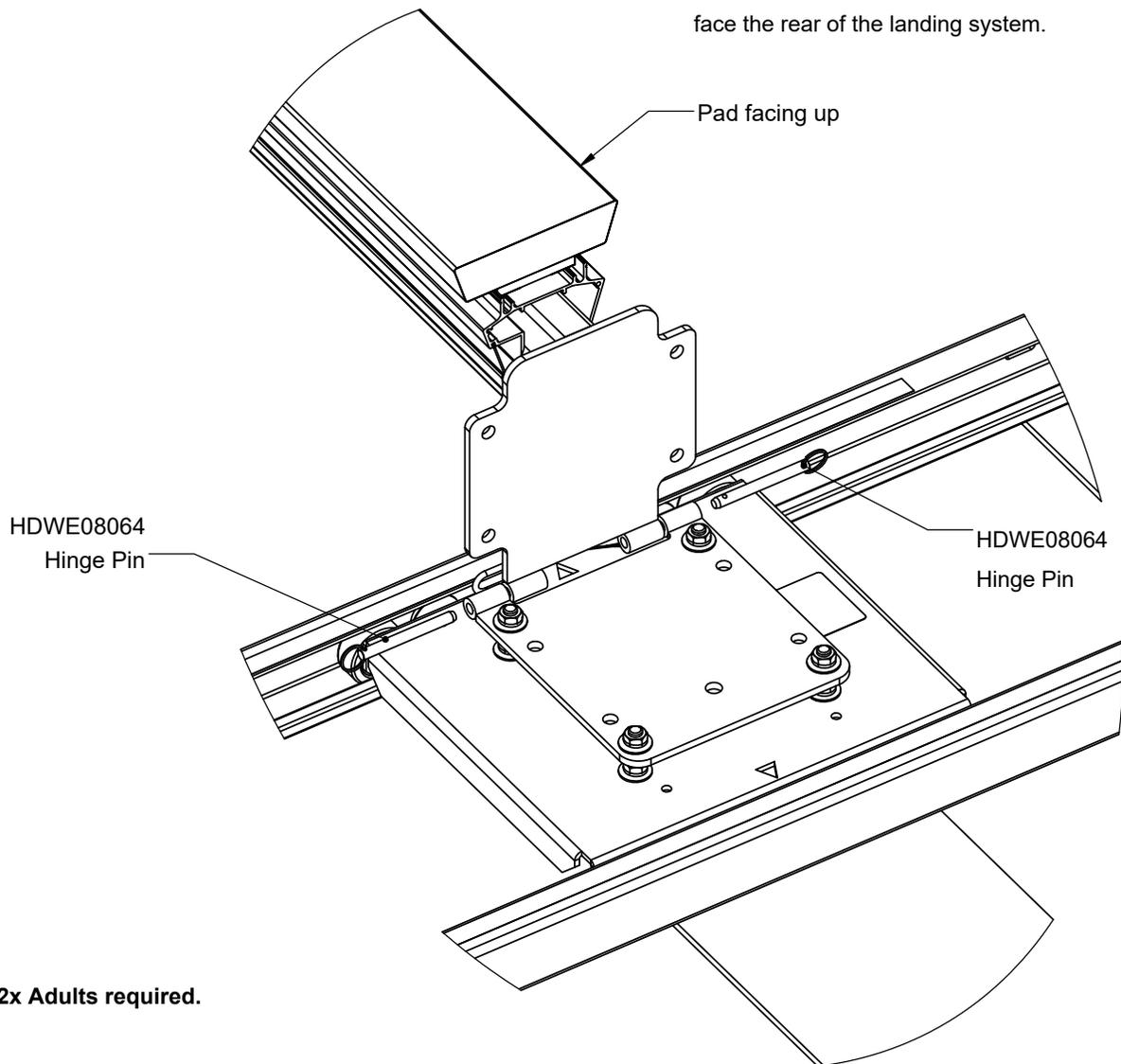


Use these nuts to level the hinge plate.

### ATTACHING THE UPRIGHTS TO THE BASES

It is important to make sure that the correct upright is on the correct side of the landing system.

With the pad facing the center, the Height read out window should face the runway. The hex rod should face the rear of the landing system.



**⚠ 2x Adults required.**

Carefully align the hinge of the leveling plate and the hinge of the stem plate. Install the hinge pins.

### INSTALLING THE HEIGHT CARRIAGES

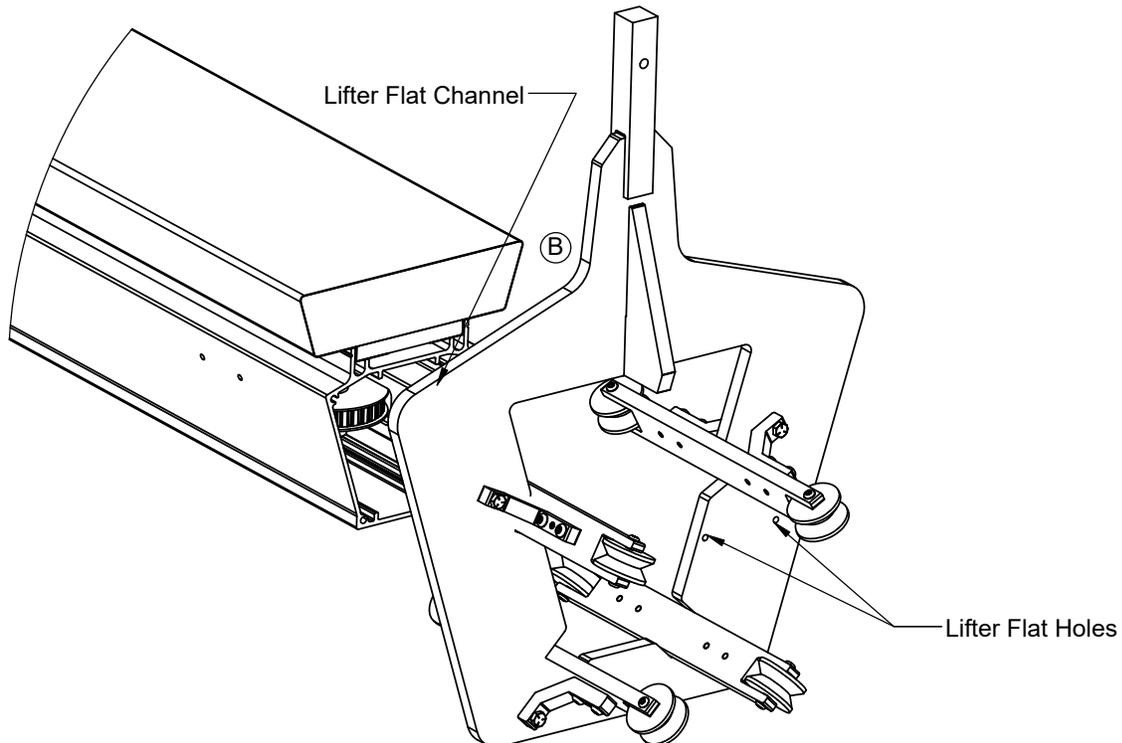
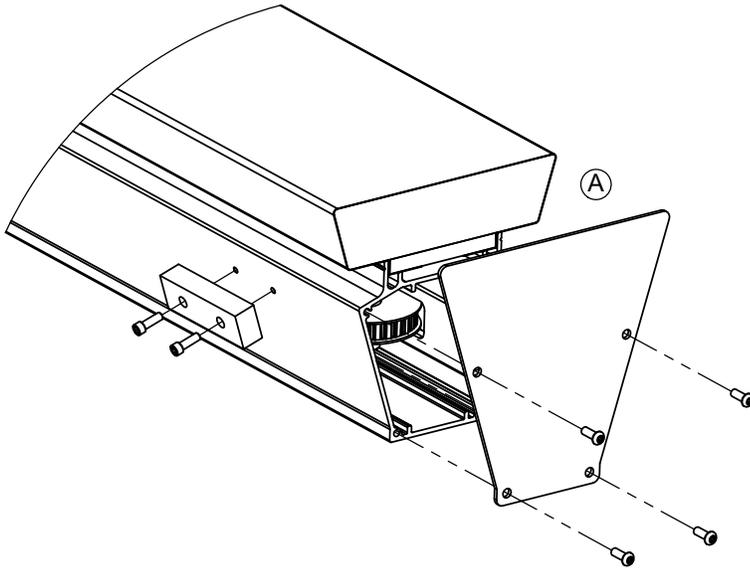
**2x Adults required.**

(A) Remove the top plate and the top bumper stop.

(B) Gently guide the carriage over the upright. The v-wheels should ride on the corners of the upright.

Make sure that the Lifter Flat Holes are on the same side as the Lifter Flat Channel.

**Reattach the top plate and top bumper stop.**

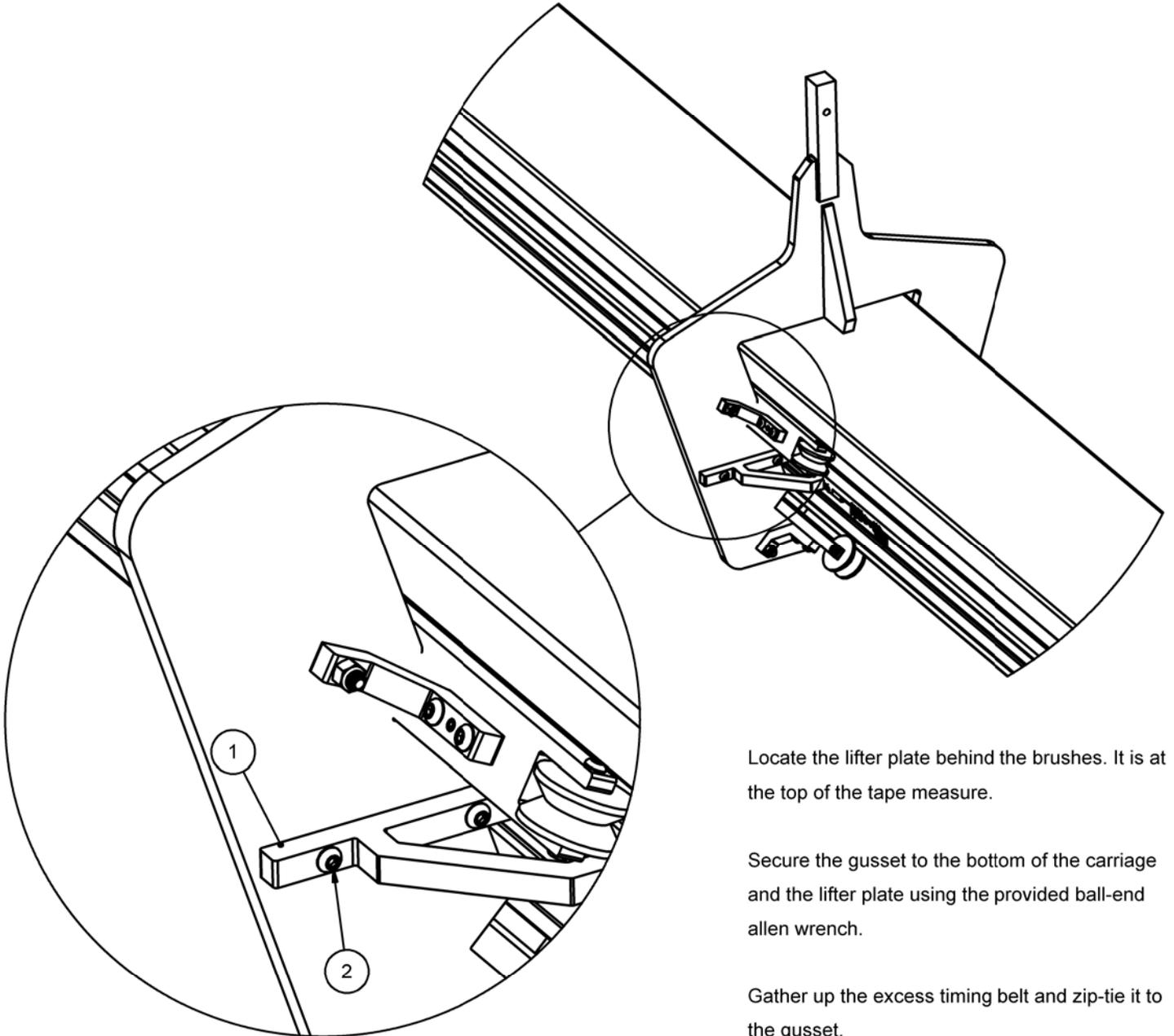




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## INSTALLING THE OFFSET CARRIAGES



Locate the lifter plate behind the brushes. It is at the top of the tape measure.

Secure the gusset to the bottom of the carriage and the lifter plate using the provided ball-end allen wrench.

Gather up the excess timing belt and zip-tie it to the gusset.

#	Part #	Description	Qty.
1	PLTE00377C22	PV LIFTER GUSSET	1
2	HDWE06261	1/4"-20 X 1" BUTTON-HEAD SOCKET CAP SCREW; SS	4
84	MISC00335	Deflector Bumper	1
85	HDWE05033	#10 Fender Washer	5
86	HDWE06269	#10-24 x 1" Flange Head Screw	5
87	M2543	1/2" Flat Washer; SS	4
88	M1414	PV Rail Scale, English & Metric	1
89	LABL00608	TIPPING STANDARD INSTRUCTION DECAL; AGX PV STANDARD	1

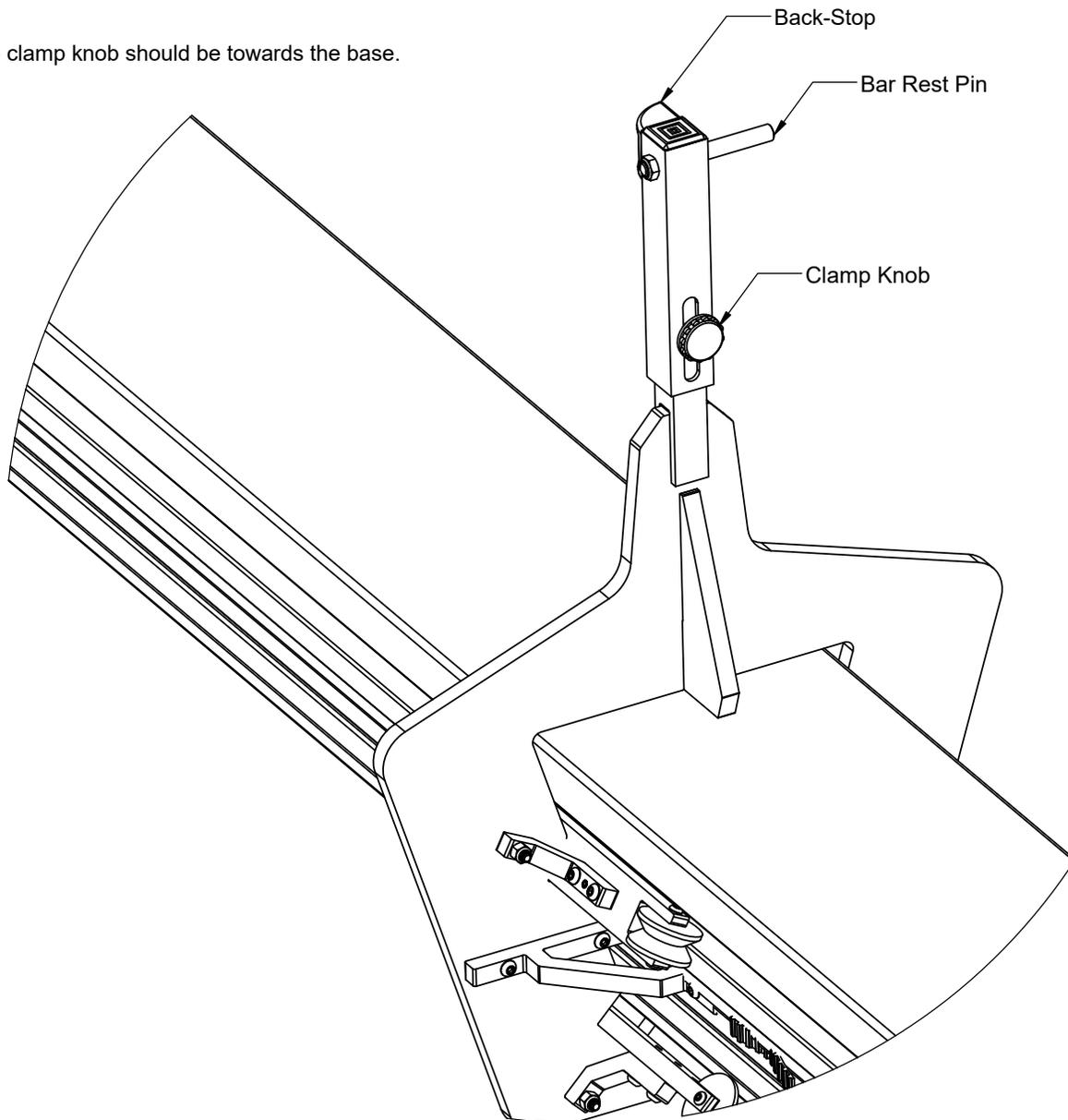
**INSTALLING THE OFFSET CARRIAGES**

Install the offset extension onto the offset arm and secure it with a clamp knob.

The pin should point towards the rear of the landing system.

The back-stop should be towards the top of the upright.

The clamp knob should be towards the base.

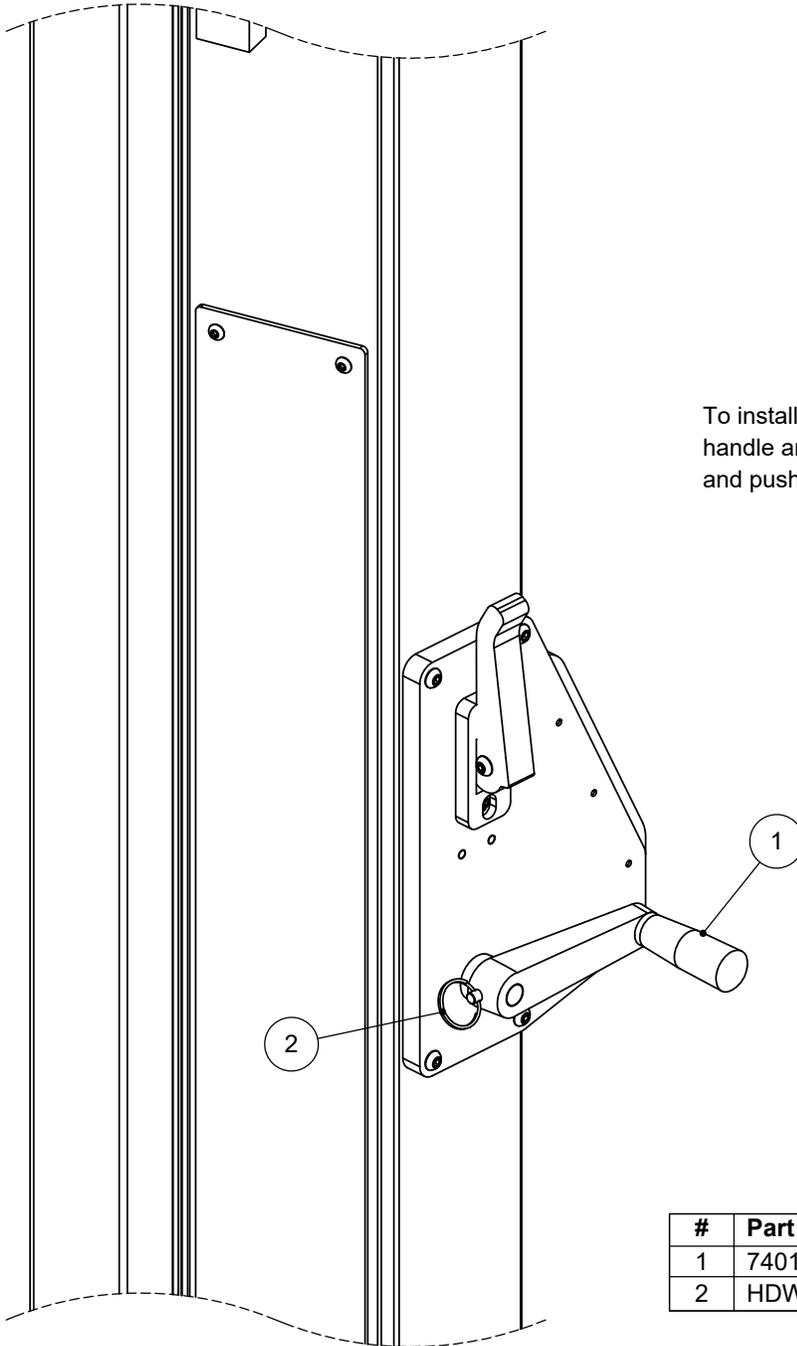




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## INSTALLING THE CRANK HANDLES



To install the crank handle, align the hole on the handle and the hole on the height crank axle and push pull pin into the holes.

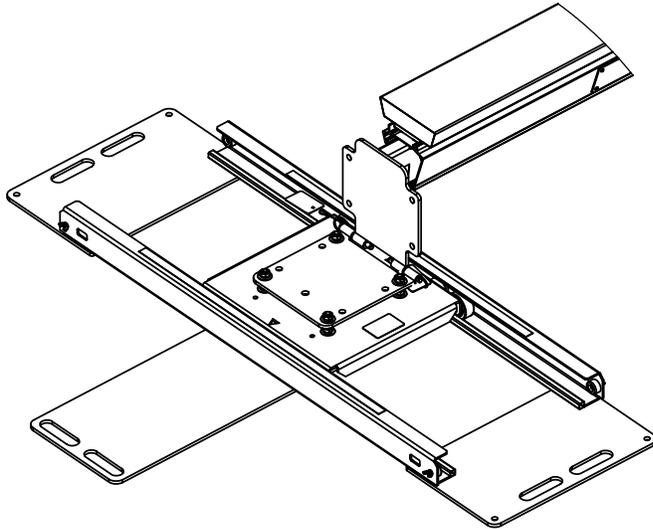
#	Part #	Description	Qty.
1	74011025	Drilled Crank Handle	1
2	HDWE08066	1/4" Quick Release Pin	1



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## RAISING THE UPRIGHT



Tip: It may be helpful to have one person pull with a rope while the other three push.

To do this, move the carriage to about half way along the upright and **engage the brake (red handle)**. With a rope, make a loose loop around the upright above the carriage and make a tight knot.

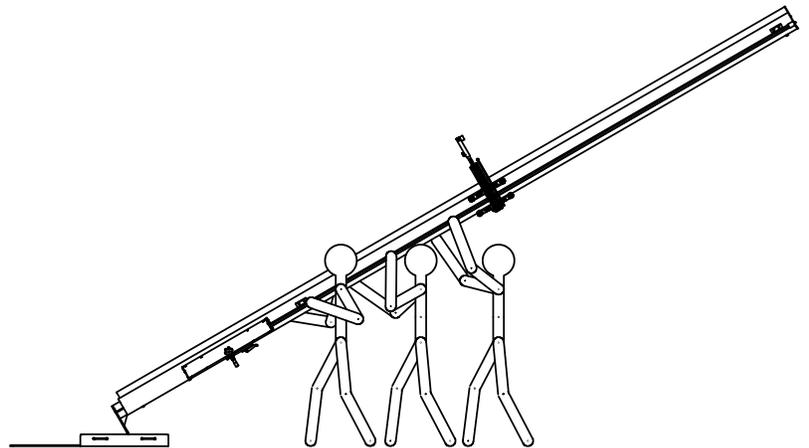
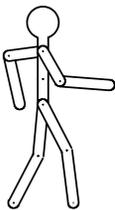
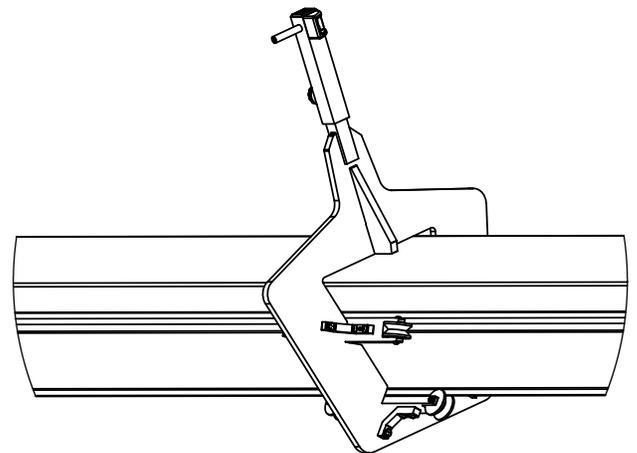
After the upright is vertical and **bolted down**, release the brake and lower the carriage. The loop should lower with the carriage so that the knot can be undone.

**4x Adults required.**

Make sure to have all tools and hardware close by before starting.

Make sure there is nothing on the leveling plate. Make sure the hinge pins are in place.

Slowly raise the upright. Secure the stem plate to the leveling plate with provided hardware.

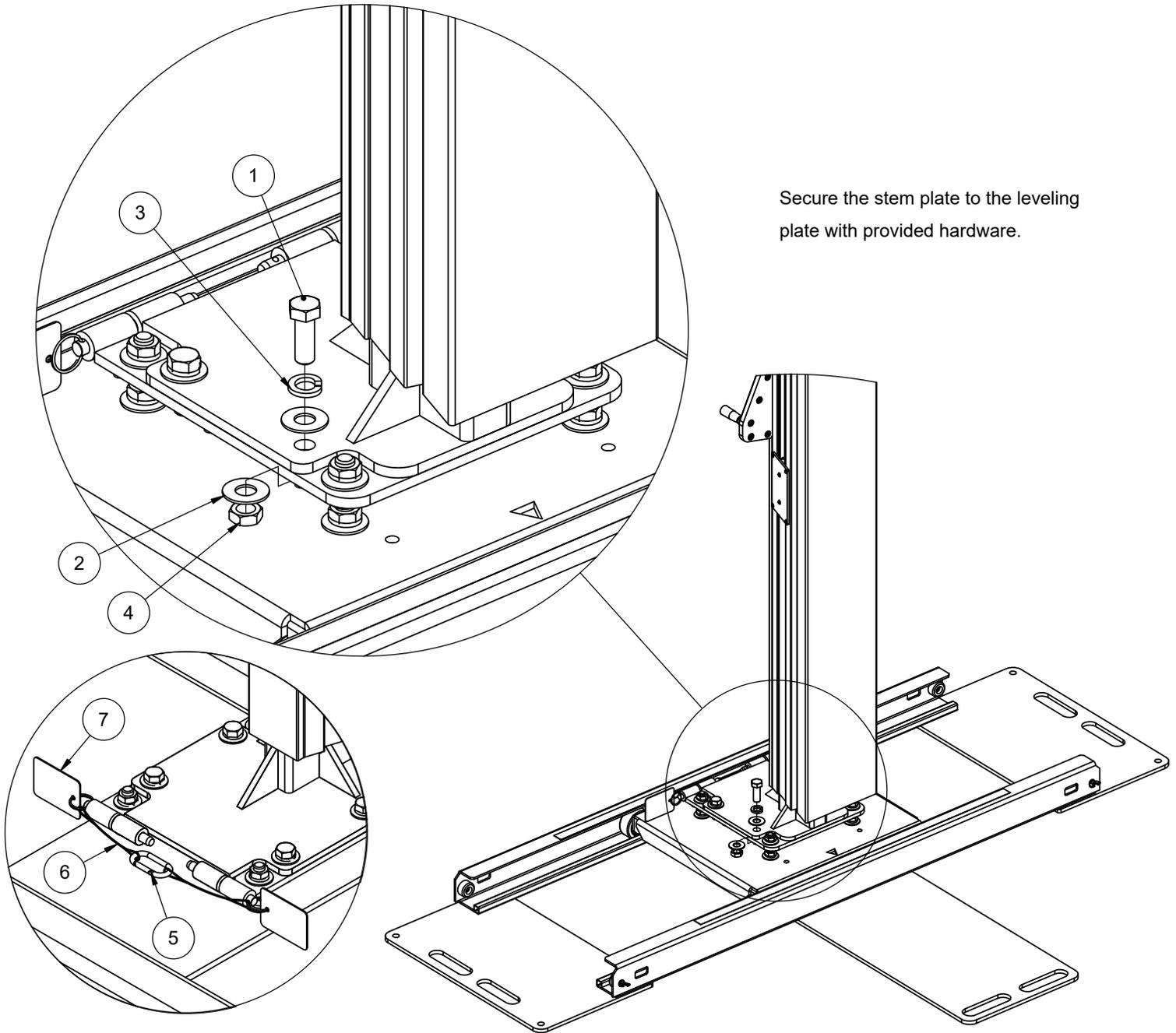




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## RAISING THE UPRIGHT



#	Part #	Description	Qty.
1	HDWE01294	5/8"-11 X 1-3/4" HEX HEAD CAP SCREW; GR8; ARMOR COAT	4
2	HDWE05023	5/8" FLAT WASHER; SS	8
3	HDWE04010	5/8" SPLIT RING LOCK WASHER; SS	4
4	HDWE03102	5/8"-11 THIN HEX NUT; ARMOR COAT	4
5	N1003	KARABINER	1
6	MISC00291	PV BASE PIN LANYARD CORD	2
7	LABL00598	PV STANDARD HINGE PIN SAFETY TAG	2



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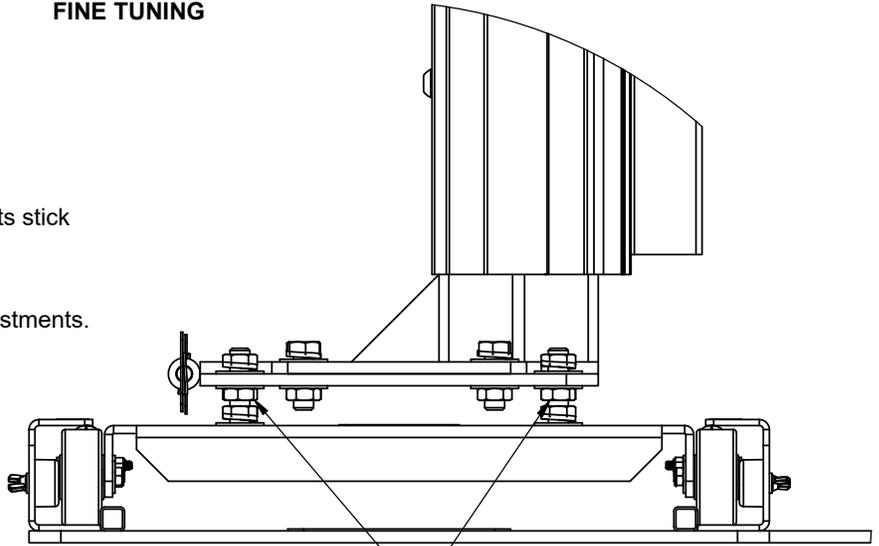
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## FINE TUNING

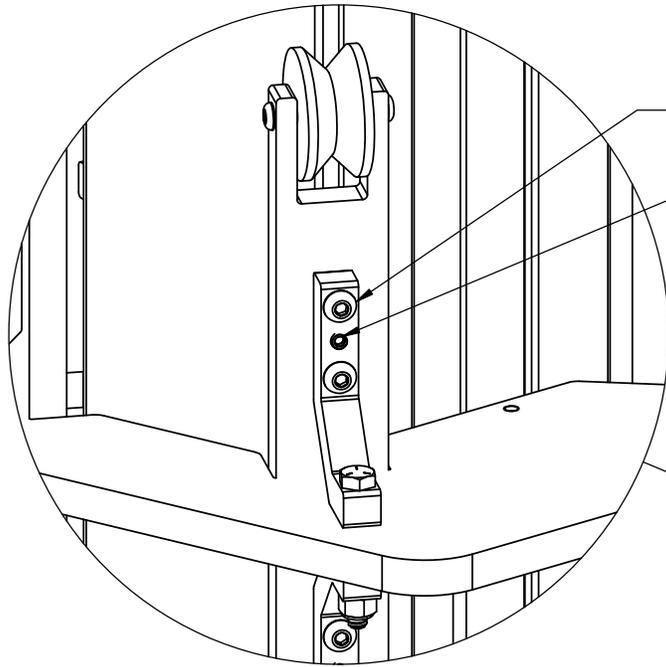
Check to make sure the upright is plumb.

If need be, carefully adjust the nuts on the four posts stick up from the base.

Only adjust two nuts at a time and make small adjustments.

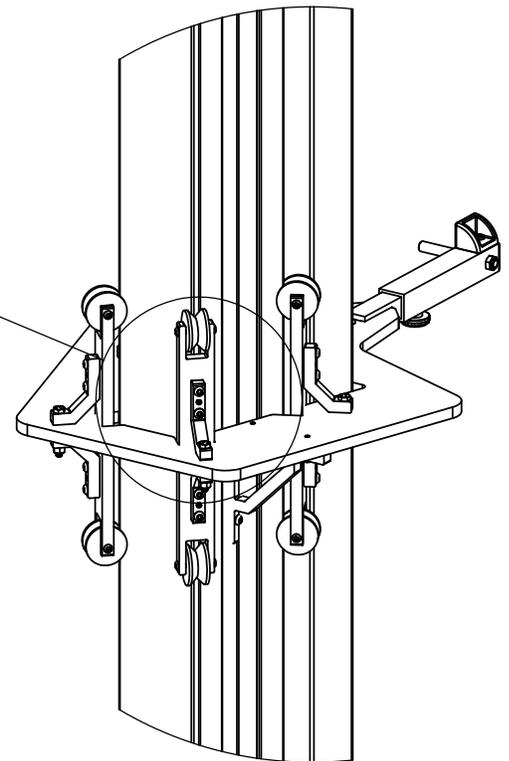


Use these to adjust the upright to plumb.



Loosen both screws before adjusting the set screw.

Use this set screw to adjust the position of the v-wheels.



Check to make sure the carriage is level.

If need be, carefully adjust screws that attach the gussets to the wheel trucks. First loosen the two screws. Then adjust the set screws. Finally, retighten the two screws.

Make small adjustments.

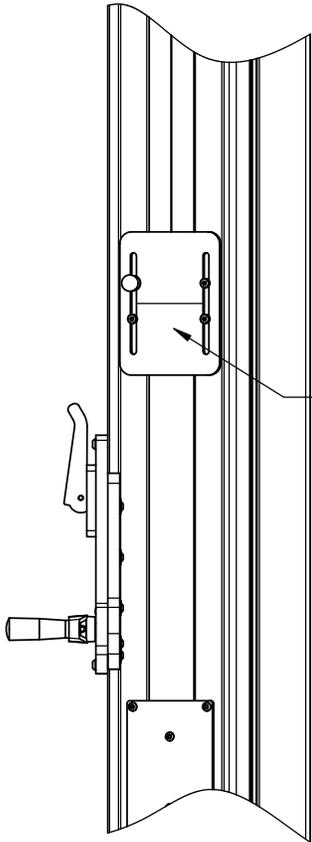
Making the carriage hug the upright too tightly can make it difficult to move up and down.



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## SETTING CROSS BAR HEIGHT



Set the adjustable window to match the height of the cross bar.

If the height of the cross bar is outside the range of the window, the tape measure can also be adjusted where it attaches to the carriage.

Adjustment Window

The tape measure is held in place by a clamp below the carriage.

The whiskers need to be spread open to see it.

There are three screws in the clamp.

Loosen the two screws that are on the same side to adjust the position of the tape measure.

If even more adjustment is needed, loosen the single screw on the other side to adjust the position of the clamp on the timing belt.

